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INDUSTRIAL ACCIDENTS

WESTERN AUSTRALIA

1982-83

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The statistics contained in this publication relate to accidents resulting in absence from work of one day or more.

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EXPLANATORY NOTES

Introduction

The statistics published in this bulletin relate to all industrial accidents involving time lost from work of one day or more, OCCURRING during the year ended 30 June 1983. The statistics are comparable with those published in the 1981-82 bulletin but not with those published in earlier bulletins because statistics before 1981-82 relate only to claims for workers' compensation reported to have been CLOSED during the respective years.

2. Special Note - Estimated Claims

2.1 In 1981-82 industrial accident statistics were first collected on the basis of 'year of occurrence'. This change from the previous basis of 'year of closure' involved the acceptance of estimated time lost and cost data for claims not closed prior to the cut-off date nominated for the year. For the 1981-82 publication almost 20 per cent of claims included were not closed, and details of time lost and cost for all claims were not released because of the high content of estimated data. Approximately one year after the cut-off date for the 1981-82 publication, estimated returns were referred back to insurers and actual data were obtained for estimated claims which had been subsequently finalised in the lapsed period of one year. At the completion of this procedure it was found that only 7 per cent of claims remained unclosed. The 1981-82 data were accordingly updated to incorporate the revised figures and estimates for those claims still outstanding, and revised tabulations were produced. Comparison between the original and amended tabulations indicates that, although caution is necessary in interpreting the data, the estimates supplied by the insurers provide, for statistical purposes, acceptable approximations of actual time lost and cost. Statistics in this 1982-83 publication and future publications will therefore include details of time lost and cost which are derived by adding actual data for closed claims and estimated data for unclosed claims. Tables comprising information relating to both closed and unclosed claims as shown in this bulletin are now available on request for 1981-82.

3. Scope

3.1 Workers covered by the Western Australian Workers' Compensation and Assistance Act 1981-1983 are included in the statistics. Industrial accidents resulting in the death of, or injury to, self-employed persons and persons employed by the Commonwealth Government are not included.

3.2 The exclusion of self-employed persons is likely to have considerable effect in industries where self-employment is significant (eg. retail trade, rural industries). Because of the exclusion of Commonwealth Government employees some industries are not covered (eg, defence forces and communication).

4. Coverage

4.1 Reports relating to accident claims are forwarded to the Australian Bureau of Statistics by the Workers' Assistance Commission which obtains the information from insurers and self-insurers under authority of the Workers' Compensation and Assistance Act 1981-1983. The accuracy of collection coverage (ie whether reports of all accidents involving time lost from work of one day or more are actually submitted to the Workers' Assistance Commission) is very difficult to control because of the diverse administrative systems maintained by the insurers. The data should be used with the knowledge that coverage between years may not be consistent and this may affect the validity of statistical trends which become apparent.

5. Definitions

5.1 Industrial Accident. An industrial accident is any work injury or disease compensable under the provisions of the State Workers' Compensation and Assistance Act 1981-1983 which causes the death of the employee or absence from work for one day (or shift) or more. The term also includes compensable accidents which occur when travelling between place of residence and workplace (journey cases) and those which occur during work breaks (recess cases).

5.2 Industrial Disease. An industrial 'disease' is distinguishable from an 'accident' because of one or more of the following characteristics:

- the slow and protracted nature of its cause;
- its ascribability to repeated or continuous action of a mechanical, physical or chemical nature. It is not the effect of a single event but of a cause acting imperceptibly and constantly;
- the uncertain time of its beginning.

5.3 Special Note - Journey and Recess Accidents, Industrial Diseases

5.3.1 Journey and Recess accidents are excluded from Tables 1 through 8.

5.3.2 Details of industrial diseases have not been included in tables in this bulletin. Problems in obtaining complete coverage; reporting inconsistencies in the treatment of repetitive strain injuries; and, the classification of infectious and contagious diseases such as hepatitis which are contracted at the workplace but do not come within the International Labour Office definition of 'disease', have rendered the data unreliable.

5.4 Reopened Claim. An industrial accident previously treated as closed but for which the insurer accepts that further incapacity, additional medical treatment or time lost from work are directly attributable to the original accident. Claims closed and reopened in the current year are counted only once in the tables but the total cost and time lost incurred during the year are included. Details of reopened claims relating to earlier years are not included in the tables.

5.5 Estimated Claim. A claim which has not been closed prior to the cutoff date for publication of these statistics. In these cases insurers submit a report in which details of total time lost and cost are estimated. (See also 'Special Note - Estimated Claims' in paragraph 2.1 above).

5.6 Cost of Claim Includes compensation for wages and salaries lost, for hospital and medical expenses, lump sum payments and payments made under common law.

5.7 Time Lost from Work. For closed claims it is the actual time lost from work; for unclosed claims it is an estimate of the total time likely to be lost. Claims relating to fatal accidents and accidents where the outcome is permanent total disability do not have time lost included in the statistics. Other claims are restricted to a maximum time lost of one year for statistical purposes. This constraint applies because the statistics are now compiled in discrete yearly groups.

5.8 Fatal Accidents or Disease. Cases where death results from a compensable accident or disease. Includes cases where an employee has subsequently died as a result of injuries received at work, as well as cases where an employee is killed at work.

5.9 Permanent Disability. Is an injury or disease which does not cause death but results in the complete loss or loss of use of any member or any part of any member of the body, or any permanent impairment of functions of the body or part thereof.

5.10 Temporary Disability. Is an injury or disease which does not result in death or a permanent disability.

6 Classification

6.1 Industry Classification. The workplace of the employee is classified in accordance with the 1978 edition of the Australian Standard Industrial Classification (ASIC).

6.2 Type of Accident. The classification is based on recommendations made by the International Labour Office.

6.2.1 The 'Type of accident' is defined by the International Labour Office as (i) the manner of contact of the injured person with the object or substance or (ii) the exposure or movement of the injured person which resulted in the injury.

6.3 Agency of Accident. The classification is based on recommendations made by the International Labour Office.

6.3.1 The 'Agency of accident' is the object, substance or circumstance most closely associated with the injury and which, in general, could have been guarded against or corrected. A distinction should be made between the agency of injury and agency of accident, eg., a fire damp explosion may result in a miner being crushed by a falling beam. In this instance the agency of injury is the beam but the agency of accident is the material responsible for the explosion.

6.4 Nature of Injury and Disease. The classification is based on appropriate chapters of the Ninth Revision (1975) of the World Health Organisation's 'International Statistical Classification of Diseases, Injuries and Causes of Death' adjusted, where necessary, to ensure classification to the principal original injury.

6.5 Site of injury. The classification is broadly comparable to that recommended by the International Labour Office.

6.6 Occupation Classification. Details of occupation have been classified in accordance with the 1976 Population Census Classification of Occupations.

7 Unpublished Information

7.1 More detailed statistics relating to accidents by industry, occupation group, type of accident, agency of accident, sex, etc, are available on request. In this connection the attention of users of these statistics is drawn to statistical tables listed below which are available on request.

7.2 Industrial Accidents

Site of injury by type of accident by sex.
Site of injury by agency of accident by sex.
Nature of injury by agency of accident by sex.
Nature of injury by type of accident by sex.
Age group by agency of accident by sex.
Age group by type of accident by sex.
Occupation group by agency of accident by sex.
Occupation group by type of accident by sex.
Occupation group by nature of injury by sex.

8 Current publications produced by the ABS are listed in the Catalogue of Publications, Australia (1101.0), which is available free of charge from any ABS Office. Further information about Western Australian publications may be obtained from List of Publications (1101.5), which is available free of charge from this Office.

Symbols and Other Usages

- nil or rounded to zero
n.e.c. not elsewhere classified

9 Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

No.1 - TOTAL ACCIDENTS: INDUSTRY DIVISION, TIME LOST AND COST OF CLAIMS, 1982-83

Industry division or sub-division	Accidents		Time lost (weeks)		Total cost of claims \$'000	Average cost per claim (\$)
	Number	Percent of total	Total	Average per accident		
Agriculture, forestry, fishing and hunting	1,415	4.5	6,029.2	4.3	3,878	2,740.6
Mining	3,311	10.6	13,148.0	4.0	11,027	3,330.3
Total	4,726	15.1	19,177.2	4.1	14,904	3,153.6
Manufacturing -						
Food, beverages and tobacco	2,059	6.6	5,653.6	2.7	3,412	1,657.3
Wood, wood products and furniture	763	2.4	2,627.0	3.4	1,718	2,251.8
Glass, clay and other non-metallic mineral products	733	2.3	2,593.8	3.5	1,693	2,310.0
Basic metal products	537	1.7	1,609.2	3.0	1,172	2,181.9
Fabricated metal products	2,186	7.0	6,596.0	3.0	4,477	2,048.0
Other manufacturing	2,909	9.3	8,901.6	3.1	5,600	1,925.1
Total	9,187	29.3	27,981.2	3.0	18,073	1,967.2
Electricity, gas and water	801	2.6	3,662.6	4.6	3,236	4,039.9
Construction	3,579	11.4	14,445.8	4.0	10,165	2,840.2
Wholesale and retail trade	4,149	13.2	11,911.6	2.9	6,628	1,597.4
Transport and storage	2,058	6.6	8,067.8	3.9	5,520	2,682.2
Finance, property and business services	626	2.0	2,432.8	3.9	1,411	2,253.6
Public administration and defence	1,391	4.4	6,211.8	4.5	4,673	3,359.6
Community services	3,679	11.7	17,050.2	4.6	12,269	3,334.8
Recreation, personal and other services	1,178	3.8	4,772.0	4.1	2,505	2,126.5
Other industries	3	-	8.2	2.7	3	1,107.7
Total	17,464	55.7	68,562.8	3.9	46,410	2,657.5
GRAND TOTAL	31,377	100.0	115,721.2	3.7	79,387	2,530.1

No. 2 - TOTAL ACCIDENTS: INDUSTRY DIVISION AND AGENCY OF ACCIDENT, 1982-83

Industry division or sub-division	Agency of accident						Agency not identified	Total
	Machinery	Lifting equipment and means of transport	Other equipment	Chemicals and other materials and substances	Working environment	Other agency		
	Number of accidents							
Agriculture, forestry, fishing and hunting	227	211	193	297	158	311	18	1,415
Mining	422	236	579	1,276	571	93	134	3,311
Total	649	447	772	1,573	729	404	152	4,726
Manufacturing -								
Food, beverages and tobacco	126	121	592	576	219	393	32	2,059
Wood, wood products and furniture	126	36	230	308	43	8	12	763
Glass, clay and other non-metallic mineral products	57	65	130	395	68	8	10	733
Basic metal products	43	38	149	242	48	4	13	537
Fabricated metal products	247	126	672	894	173	46	28	2,186
Other manufacturing	334	204	779	1,218	210	121	43	2,909
Total	933	590	2,552	3,633	761	580	138	9,187
Electricity, gas and water	44	51	215	273	107	84	27	801
Construction	238	293	1,027	1,482	365	129	45	3,579
Wholesale and retail trade	235	489	1,028	1,734	415	151	97	4,149
Transport and storage	52	505	289	817	240	119	36	2,058
Finance, property and business services	29	73	180	194	108	24	18	626
Public administration and defence	113	171	213	562	222	104	6	1,391
Community services	91	213	793	789	679	819	295	3,679
Recreation, personal and other services	52	65	226	402	263	148	22	1,178
Other industries	1	-	1	1	-	-	-	3
Total	855	1,860	3,972	6,254	2,399	1,578	546	17,464
GRAND TOTAL	2,437	2,897	7,296	11,460	3,889	2,562	836	31,377
Per cent of total	7.8	9.2	23.3	36.5	12.4	8.2	2.7	100.0

No. 3 - TOTAL ACCIDENTS: INDUSTRY DIVISION AND TYPE OF ACCIDENT, 1982-83

Industry division or sub-division	Type of accident					Exposure to or contact with harmful substance or radiation			Other	Total
	Fall of a person	Falling object or sub-stance	Stepping on, striking against, struck by an object	Caught in or between objects	Over exertion or physical stress movement	Exposure to or contact with extreme temperature				
	Number of accidents									
Agriculture, forestry, fishing and hunting	259	82	519	92	307	25	42	89	1,415	
Mining	628	389	853	284	835	45	115	162	3,311	
Total	887	471	1,372	376	1,142	70	157	251	4,726	
Manufacturing -										
Food, beverages and tobacco	299	87	786	133	563	82	75	{ 44 8	2,059 763	
Wood, wood products and furniture	79	87	285	70	224					
Glass, clay and other non-metallic mineral products	128	106	179	53	217	13	23	14	733	
Basic metal products	87	72	145	26	154	11	34	8	537	
Fabricated metal products	281	221	780	148	446	53	160	97	2,186	
Other manufacturing	324	268	948	204	808	54	200	103	2,909	
Total	1,198	841	3,123	634	2,412	213	492	274	9,187	
Electricity, gas and water	130	70	161	69	266	8	25	72	801	
Construction	627	380	1,095	189	947	59	135	147	3,579	
Wholesale and retail trade	678	412	1,224	188	1,289	115	113	130	4,149	
Transport and storage	485	175	494	134	605	10	34	121	2,058	
Finance, property and business services	156	48	146	27	176	11	21	41	626	
Public administration and defence	271	125	330	51	476	15	23	100	1,391	
Community services	865	130	696	103	1,510	95	90	190	3,679	
Recreation, personal and other services	339	50	310	32	311	66	38	32	1,178	
Other industries	-	-	1	-	1	-	1	-	3	
Total	3,551	1,390	4,457	793	5,581	379	480	833	17,464	
GRAND TOTAL	5,636	2,702	8,952	1,803	9,135	662	1,129	1,358	31,377	
Per cent of total	18.0	8.6	28.5	5.7	29.1	2.1	3.6	4.3	100.0	

No. 4 - TOTAL ACCIDENTS: SITE OF INJURY AND TYPE OF ACCIDENT, 1982-83

No. 5 - 1986 ACCIDENTS, AGENCY OF ACCIDENT AND TIME LOST, 1982-83										
Site of injury	Type of accident					Exposure to or contact with harmful substance or radiation			Other	Total
	Fall of a person	Falling object or substance	Stepping on, striking against, struck by an object	Caught in or between objects	Over exertion or physical stress movement	Exposure to or contact with extreme temperature				
Number of accidents										
Head	174	778	2,266	} 11	{ 4 490	73	} 689	{ 259 178	4,251	
Neck	127	52	153			5				
Trunk	1,491	134	431	37	6,356	29	20	177	8,675	
Upper limbs	1,172	784	4,320	1,535	1,595	312	232	378	10,328	
Lower limbs	2,514	931	1,733	218	586	205	54	207	6,448	
Multiple locations	148	} 23	{ 36 13	} 2	{ 31 73	28	13	65	344	
General locations	} 10					5	116	52	177	
Other			5	5	42	146				
Total accidents	5,636	2,702	8,952	1,803	9,135	662	1,129	1,358	31,377	
Average time lost (weeks)	5.1	2.7	2.4	3.9	4.6	1.8	1.4	4.9	3.7	

Type of accident	1982-83		1983-84	
	Number	Time lost (weeks)	Number	Time lost (weeks)
Tractor	1	0.1	1	0.1
Lorry or truck	1	0.1	1	0.1
Car or station wagon	1	0.1	1	0.1
Motor cycle or scooter	1	0.1	1	0.1
Trailer and caravan	1	0.1	1	0.1
Other	1	0.1	1	0.1

No. 5 - TOTAL ACCIDENTS: AGENCY OF ACCIDENT AND TIME LOST, 1982-83

Agency of accident	Accidents involving		Males		Females	
	Number	Time lost (weeks)	Number	Time lost (weeks)	Number	Time lost (weeks)
MACHINERY						
Motor or other source of mechanical power						
Internal combustion engine	77	216.0				
Other - including steam engine	13	134.0				
Transmission machinery					3	2.0
Transmission shaft	-	-				
Transmission belt, cable, rope, pulley, etc	33	255.2				
Other	15	76.8				
Metal working machinery						
Power press	54	225.2			5	99.0
Turning, boring, drilling, reaming, milling machine	100	246.8			-	-
Abrasive, grinding machine	315	360.6				
Mechanical shear, slicer or guillotine	48	177.6				
Forging machine	6	60.4			4	3.2
Rolling mill	14	25.2				
Other - including power hacksaw	71	334.8				
Woodworking machinery						
Circular saw	52	254.2				
Other saw	50	196.2				
Moulding machine	12	92.6			3	4.4
Planing machine						
Log peeling machine	20	69.4				
Other	36	225.6				
Agriculture machinery						
Harvester (all types)	17	113.6			-	-
Plough, harrow, cultivator, other tilling machine	4	6.2				
Milk production and processing plant	-	-				
Stock shearing plant	129	293.0			2	8.4
Equipment primarily for agricultural purposes	33	165.0				
Grass cutting machine	34	100.2				
Other	29	173.8				
Mining and quarrying machinery						
Mechanical mining and quarrying equipment	49	282.2			-	-
Roof bolting machine					-	-
Oil, gas, water drilling equipment	73	501.8			-	-
Rotary and/or percussive rock drill	5	22.8			-	-
Ore/stone crushing, pulverising, screening, dressing machine	14	167.6			-	-
Other	104	415.4			2	0.4

No. 5 - TOTAL ACCIDENTS: AGENCY OF ACCIDENT AND TIME LOST, 1982-83 (continued)

Agency of accident	Accidents involving			
	Males	Time lost	Females	Time lost
	Number	(weeks)	Number	(weeks)
MACHINERY - continued				
Earthmoving etc, and road making machinery				
Concrete mixer	33	256.8	}	31.6
Front end loader, back hoe, and like machine	175	1,023.8		
Grading, scraping, excavating and like machine	44	293.8		
Other roadmaking machinery	36	209.8		
Other earthworking machine	37	185.0		
Machinery for manufacture or processing foodstuffs and beverages				
Cutting, slicing, mincing, mixing machine	100	358.8	51	95.6
Packing, bottling, wrapping machine	18	105.2	9	22.0
Baking and food processing oven	17	51.0	16	67.6
Other	17	50.6	14	29.0
Other machinery n.e.c.				
Textile, clothing, footwear making machine	17	33.2	}	35.4
Paper and paper board manufacturing machine	4	12.8		
Printing machine	42	164.2	16	49.6
Compressor, pump and windmill	57	312.8	}	2.8
Machine unspecified	55	176.2		
Other machinery	183	602.0	39	125.2
Total	2,242	9,028.2	195	576.2
LIFTING EQUIPMENT AND MEANS OF TRANSPORTATION				
Lifting equipment				
Crane	149	731.0	}	90.6
Lift, elevator, escalator	73	497.2		
Hoist or winch (power operated)	40	270.6	}	-
Hoist, winch, pulley, chain block, etc (hand operated)	96	582.6		
Forklift, pallet truck and the like	183	813.2	}	61.6
Lifting jack	55	139.2		
Other	22	158.8		
Rail transportation				
Railway and tramway in mine workings, construction sites and the like	34	265.6	}	-
Other railway and tramway	90	450.4		
Wheeled transportation other than rail				
Tractor	97	436.8	5	13.4
Lorry or truck	626	3,264.4	6	62.6
Omnibus	108	675.8	7	58.0
Car or station wagon	452	2,728.8	92	552.4
Motor cycle or scooter	127	654.6	5	34.4
Trailer and caravan	85	260.6	7	18.4
Other	305	1,048.4	125	564.0

No. 5 - TOTAL ACCIDENTS: AGENCY OF ACCIDENT AND TIME LOST, 1982-83 (continued)

Agency of accident	Accidents involving Males		Females	
	Number	Time lost (weeks)	Number	Time lost (weeks)
LIFTING EQUIPMENT AND MEANS OF TRANSPORTATION - continued				
Air transportation				
Aircraft used in firefighting, cropdusting, etc	7	32.0	}	96.8
Other aircraft	15	81.8		
Water transportation and marine installation				
Motorised craft	31	309.2		
Non motorised craft and marine installation	18	43.4		
Other means of transportation n.e.c.				
Cable car, ski-tow	-	-		
Other	6	65.4		
Total	2,619	13,509.8	278	1,552.2
OTHER EQUIPMENT				
Pressure vessel				
Boiler	5	9.2	}	37.4
Pressurised container	4	3.8		
Pressurised piping and accessories	84	267.4		
Gas cylinder	93	309.2	}	7.4
Caisson				
Other	26	64.8		
Furnace, oven or kiln				
Furnace	10	11.2	}	2.6
Kiln	9	77.8		
Oven	6	22.0		
Refrigerating plant and equipment				
Refrigerating plant and equipment	43	101.4		20.2
Electrical installation (excluding hand tools)				
Rotating machine	28	53.4	}	32.0
Transmission and distribution line	19	90.0		
Transformer	12	22.0		
Control apparatus	35	70.8		
Other	57	135.2		
Electric hand tool or appliance				
Abrasive planing or cutting tool	571	925.6	9	13.6
Drill	229	434.6	3	19.4
Soldering iron	14	9.2	}	2.2
Arc welder	577	661.4		
Cooking appliance	20	21.8	19	34.4
Other	42	322.8	32	219.0

No. 5 - TOTAL ACCIDENTS: AGENCY OF ACCIDENT AND TIME LOST, 1982-83 (continued)

Agency of accident	Accidents involving			
	Males	Time lost	Females	Time lost
	Number	(weeks)	Number	(weeks)
OTHER EQUIPMENT - continued				
Powered hand tool, other than electric				
Pneumatic tool	81	381.6	}	12.4
Oxyacetylene torch, blowtorch and the like	151	164.2		
Gun	19	22.8		
Chain saw	40	101.0		
Other	37	71.6		
Handtool, implement and appliance, not powered				
Knife	880	1,405.2	}	332.6
Chisel, awl, screwdriver and the like	98	233.6		
Axe, adz, pickaxe, hatchet, cleaver, slasher and the like	47	102.4		
Shovel, spade, hoe, fork, rake, lawn edger and the like	175	680.6	}	58.6
Hammer, mallet and the like	472	1,037.2		
Wrench, spanner and the like	200	602.0		
Bale and hook implement	44	81.8	}	416.0
Broom, mop and similar implement	26	119.2		
Other	270	811.0		
Other equipment				
Scientific and laboratory equipment	16	102.6	7	11.2
Electrical equipment n.e.c.	109	491.0	37	147.0
Furniture and fittings	680	2,564.2	443	1,606.8
Ladder, mobile ramp, stairway, steps and the like	632	3,294.6	61	510.2
Scaffolding (fixed, suspended, mobile)	314	1,854.8	4	5.4
Other, n.e.c.	217	772.6	18	49.0
Total	6,392	18,507.6	904	3,664.4
CHEMICALS AND OTHER MATERIALS AND SUBSTANCES				
Basic chemicals				
Industrial gases	53	107.2	8	6.6
Arsenic and arsenic compounds	3	9.6	-	-
Chlorine	5	5.8	}	4.0
Lead compounds	6	17.8		
Mercury compounds	17	16.2		
Plastic materials, synthetic resin, synthetic rubber and industrial solvent	-	-	-	-
Radioactive and associated material	64	118.4	8	19.6
Acid	85	129.6	19	75.8
Other basic chemicals				

No. 5 - TOTAL ACCIDENTS: AGENCY OF ACCIDENT AND TIME LOST, 1982-83 (continued)

Agency of accident	Males		Females	
	Number	Time lost (weeks)	Number	Time lost (weeks)
CHEMICALS AND OTHER MATERIALS AND SUBSTANCES - continued				
Other chemical products				
Insecticide, fungicide, weedkiller and the like	9	10.6	5	4.2
Paint, varnish and related material	68	103.2	5	3.8
Asphalt, tar, bitumen and pitch	10	78.6	-	-
Explosive material (made for the purpose)	7	56.2	-	-
Smoke, fire and flame	32	106.0	}	49 125.0
Other chemical product n.e.c.	203	325.6		
Non-metallic minerals, materials or manufactures				
Abrasive powder, grain, grit	121	79.4	-	-
Brick, slab, tile, paving block, pipe	622	2,909.4	}	12 16.4
Cement and lime	63	80.6		
Glass and glassware	245	517.8	66	122.6
Dust	523	443.4	4	1.4
Other non-metallic minerals or manufactures	120	420.6	14	85.6
Other material, substance or object n.e.c.				
Oil and fat, animal and vegetable	87	248.2	37	61.6
Tree felled for processing, sawn or dressed timber	649	2,459.2	16	76.4
Ferrous and non-ferrous metal	3,458	10,949.6	70	194.6
Bag, bale, bundle, containing goods or materials	439	2,062.6	102	555.6
Crate, box, case, carton, drum, tin, bin	1,714	6,421.2	522	2,268.2
Protruding stake, nail, wire, splinter, wiretie, bale, strap etc	215	360.2	20	67.0
Water, beverage, steam	157	264.0	79	125.6
Fragment n.e.c.	246	266.2	4	1.4
Other material, substance or object	1,046	3,995.8	149	367.2
Total	10,267	32,563.0	1,193	4,182.6

No. 5 - TOTAL ACCIDENTS: AGENCY OF ACCIDENT AND TIME LOST, 1982-83 (continued)

Agency of accident	Accidents involving			
	Males		Females	
	Number	Time lost (weeks)	Number	Time lost (weeks)
WORKING ENVIRONMENT				
Outdoor				
Weather	93	198.2	4	21.8
Traffic and working surfaces	802	3,412.0	96	478.4
Water	43	110.6	7	52.8
Demolition activity n.e.c	11	80.8	-	-
Tree, branch, other vegetation	251	772.0	22	167.6
Gate, fence and the like	81	350.6	3	13.2
Other	95	482.2	11	48.6
Indoor				
Floor or other working surface	732	3,462.8	492	2,893.6
Step, stairway	351	1,816.8	196	985.4
Floor, wall or ceiling opening	161	872.0	54	267.8
Environment	20	49.4	4	14.0
Other	15	22.0	13	33.6
Underground				
Roof, floor or face of mine or tunnel	100	587.4	5	9.0
Mine shaft	4	3.4		
Fire	4	36.4		
Water	16	65.2		
Other n.e.c.	203	843.2		
Total	2,982	13,165.0	907	4,985.8
OTHER AGENCY N.E.C.				
Animal				
Live animal	436	2,106.8	55	205.4
Carcass	128	444.0	13	41.8
Bone	40	62.8	5	3.0
Other animal product	148	483.6	33	153.4
Insect or spider				
Insect or spider	157	97.0	18	32.4
Human				
Morbid condition	14	27.8	3	6.8
Personal condition	129	540.8	31	235.6
Human body	486	1,923.0	335	1,409.0
Other agency n.e.c.				
Other agency n.e.c.	889	3,854.6	478	2,358.6
Total	2,427	9,540.4	971	4,446.0
GRAND TOTAL	26,929	96,314.0	4,448	19,407.2

No. 6 - NON-FATAL ACCIDENTS: AGE GROUP AND TYPE OF ACCIDENT, 1982-83

Age group	Type of accident						Exposure to or contact with harmful substance or radiation	Other	Total					
	Fall of a person	Falling object or substance	Stepping on, striking against, struck by an object	Caught in or between objects	Over exertion or physical stress movement	Exposure to or contact with extreme temperature								
Number of accidents														
Under 15	}	639	448	{	3	3	}	1,053	151	234	160	{	11	
15 - 19														4,687
20 - 24														5,776
25 - 29														4,607
30 - 34														3,804
35 - 39														3,176
40 - 44														2,622
45 - 49														2,160
50 - 54														1,835
55 - 59														1,493
60 - 64	}	43	{	125	}	33	{	188	}	9	13	{	28	570
65 and over														
Age not stated	104	71	168	37	131	13	33	27	584					
Total	5,636	2,702	8,951	1,803	9,135	662	1,128	1,352	31,369					

No. 7 - NON-FATAL ACCIDENTS: OCCUPATION GROUP BY TYPE OF ACCIDENT, 1982-83

Occupation group	Type of accident					Exposure to or contact with harmful substance or radiation			Other	Total
	Fall of a person	Falling object or substance	Stepping on, striking against, struck by an object	Caught in or between objects	Over exertion or physical stress movement	Exposure to or contact with extreme temperature				
Number of accidents										
Professional, technical and related	280	34	236	35	536	22	29	92	1,264	
Administrative, executive and managerial	151	49	119	24	228	8	11	42	632	
Clerical	202	24	98	32	194	4	10	52	616	
Sales	227	95	232	28	360	20	12	50	1,024	
Farmers, fishermen and related	306	114	595	89	442	23	44	103	1,716	
Miners, quarrymen and related	343	163	502	173	379	12	47	73	1,692	
Transport and communication	554	182	465	121	708	16	33	178	2,257	
Tradesmen, production-process and labourers n.e.c.										
Textile, clothing and leather	14	10	54	13	49	}	184	411	194	
Fitters, mechanics, boilermakers etc	671	710	1,981	331	1,391					
Electricians and related	154	75	250	55	253	17	32	69	905	
Metal and electrical process	168	165	395	100	338	16	87	54	1,323	
Carpenters, woodworkers etc	175	156	422	92	289	7	16	28	1,185	
Painters and decorators	66	23	95	15	85	}	7	{	38	
Bricklayers, construction etc	159	101	235	28	229					
Printers and related	9	7	25	23	39	-	6	6	115	
Food and drink	120	40	690	57	313	29	42	28	1,319	
Paper, plastic and chemical	43	25	69	28	86	6	10	11	278	
Packers, storemen, freighthandlers	313	167	393	88	641	19	22	44	1,687	
Factory workers, labourers etc	823	467	1,419	385	1,434	108	166	172	4,974	
Service, sport and recreation	853	93	667	84	1,127	164	93	111	3,192	
Other occupations	5	2	9	1	14	-	1	4	36	
Total	5,636	2,702	8,951	1,803	9,135	662	1,128	1,352	31,369	

No. 8 - NON-FATAL ACCIDENTS: NATURE OF INJURY AND AGENCY OF ACCIDENT, 1982-83

Nature of injury	Agency of accident						Agency not identified	Total	Average time lost (weeks)
	Machinery	Lifting equipment and means of transport	Other equipment	Chemicals and other materials	Working environment	Other			
	Number of accidents								
Fracture	221	337	427	604	349	124	11	2,073	7.7
Dislocation	9	20	29	53	31	12	11	165	10.3
Sprains and strains	681	1,302	2,240	5,009	1,966	1,493	718	13,409	4.6
Concussion and other intercranial injury	9	32	37	54	36	24	2	194	4.3
Internal injury of chest, abdomen, pelvis	15	25	53	154	8	26	8	289	7.6
Open wound	736	292	2,004	1,601	303	228	18	5,182	2.3
Superficial injury	319	90	751	1,704	203	283	28	3,378	1.1
Contusion with intact skin surface and crushing injuries n.e.c.	373	725	1,019	1,415	905	279	26	4,742	2.8
Burns	64	23	684	720	53	23	1	1,567	1.6
Poisoning	-	-		126	-	33	3		1.6
Effects of weather exposure and related conditions	6	5	30	6	26	4	-	77	1.9
Asphyxia									
Effects of electric current									
Multiple injuries									
Other and unspecified injuries	3	42	19	14	9	33	10	130	1.4
No injury involved									
Total	2,436	2,893	7,293	11,460	3,889	2,562	836	31,369	3.7

No. 9 - TOTAL JOURNEY AND RECESS ACCIDENTS: AGE GROUPS BY TYPE OF ACCIDENT, TIME LOST AND COST, 1982-83

Age group	Type of accident			Total	Total time lost (weeks)	Average time lost per claim (days)	Total cost (\$'000)	Average cost per claim (\$)				
	Vehicle	Fall, falling object, stepping on, striking against, struck by	All other									
Number of Journey accidents												
Under 20	209	77	11	297	1,264.2	21.3	596	2,006.7				
20 - 24	285	71	20	376	1,865.6	24.8	1,271	3,379.0				
25 - 29	195	37	9	241	1,781.0	37.0	1,172	4,862.9				
30 - 34	125	29	10	164	1,390.8	42.4	1,013	6,178.0				
35 - 39	115	32	11	158	1,336.0	42.3	883	5,586.2				
40 - 44	87	21	8	116	756.2	32.6	474	4,088.3				
45 - 49	77	24	5	106	818.0	38.6	619	5,840.1				
50 - 54	55	23	6	84	746.4	44.4	732	8,714.7				
55 - 59	40	21	6	67	484.4	36.1	966	14,419.7				
60 - 64	20	}	2	{	30	227.2	37.9	169	5,641.5			
65 and over	4				8	184.8	115.5	92	11,560.6			
Age not stated	16				20	119.2	29.8	84	4,195.5			
Total	1,228	351	88	1,667	10,973.8	32.9	8,072	4,842.0				
Number of Recess accidents												
Under 20	5	15	2	22	119.0	27.0	40	1,829.4				
20 - 24	3	5	4	12	147.6	61.5	105	8,750.0				
25 - 29	3	4	-	7	23.8	17.0	15	2,170.3				
30 - 34	-	2	6	8	24.6	15.4	11	1,434.6				
35 - 39	-	5	4	9	62.4	34.7	104	11,610.2				
40 - 44	}	{	{	{	11	76.0	34.5	36	3,235.5			
45 - 49					4	6	3	24.6	30.8	13	3,163.5	
50 - 54					4	6	3	2.6	4.3	1	385.7	
55 - 59	}	{	{	{	3	50.4	84.0	15	5,125.0			
60 - 64					-	3	-	3	11.2	18.7	3	1,130.3
65 and over					-	-	-	-	-	-	-	-
Age not stated	-	1	1	2	2.6	6.5	2	992.0				
Total	15	49	20	84	544.8	32.4	347	4,125.7				

